

Derivatives Service Bureau
CHANGE REQUEST FORM

| Version | State | Author | Date | Description |
|---------|-------|----------|-------------|------------------|
| 1 | Final | M. Surop | 07 Nov 2023 | Initial Document |

| Title | Rates: Add new FRO to the Rates and Non-Standard Enumerated Lists | | | | | | | | |
|--|---|-----------------------------------|----------------|--|---|-------------------------------|----------------------------|------|-----------------------------------|
| Background | <p>ISDA has distributed the publication to advise of the inclusion of one (1) new Floating Rate Options.</p> <ul style="list-style-type: none"> CAD-CORRA CanDeal TMX Term <p>This new Floating Rate Options was added to the FpML list, and the official names are confirmed as detailed in Change Details section below.</p> <p>The DSB is obliged to ensure that the list of Reference Rates available as underlier for Rates and Other Asset Classes products in the DSB are kept in line with the FpML Scheme Definition: floatingRateIndexScheme and so it is necessary to add these new values to JSON Codesets where these values are maintained.</p> <ul style="list-style-type: none"> FpmlRatesReferenceRate.json FpmlRatesReferenceAndInflationRate.json <p>This update will impact all templates within the RATES and OTHER Asset Classes that include a Reference Rate as an Underlying.</p> | DSB-ID | DSB-3382 | | | | | | |
| | | Service | UPI / OTC ISIN | | | | | | |
| | | Type | Enumeration | | | | | | |
| | | Owner | M. Surop | | | | | | |
| | | Version | 1 | | | | | | |
| | | State | Final | | | | | | |
| | | | | | | | | | |
| Change Details | <p>This change will also impact the following JSON Codesets which applies for both UPI and OTC ISIN.</p> <ul style="list-style-type: none"> FpmlRatesReferenceRate.json FpmlRatesReferenceAndInflationRate.json <p>For each of the in-scope templates (normalized and de-normalized), the following enumerated values and their corresponding elaborations will be added to the <u>Reference Rate</u> and, where applicable, <u>Other Leg Reference Rate</u> attributes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">ISDA/FpML Reference Rate / Underlying Instrument Index</th> <th style="width: 33%;">ISO Reference Rate / Underlying Instrument Index (Alphanumeric 25-characters)</th> <th style="width: 33%;">JSON File Enumeration Options</th> </tr> </thead> <tbody> <tr> <td>CAD-CORRA CanDeal TMX Term</td> <td>CORA</td> <td>CAD-CORRA CanDeal TMX Term (2021)</td> </tr> </tbody> </table> | | | ISDA/FpML Reference Rate / Underlying Instrument Index | ISO Reference Rate / Underlying Instrument Index (Alphanumeric 25-characters) | JSON File Enumeration Options | CAD-CORRA CanDeal TMX Term | CORA | CAD-CORRA CanDeal TMX Term (2021) |
| ISDA/FpML Reference Rate / Underlying Instrument Index | ISO Reference Rate / Underlying Instrument Index (Alphanumeric 25-characters) | JSON File Enumeration Options | | | | | | | |
| CAD-CORRA CanDeal TMX Term | CORA | CAD-CORRA CanDeal TMX Term (2021) | | | | | | | |
| Validation | <p>These new Reference Rates will not be subject to any validation or expiry date validation. This is due to the mentioned Reference Rates being published being new.</p> | | | | | | | | |
| Normalization | <p>Remains unchanged.</p> | | | | | | | | |
| Derivation | <p>The following derivation of ISO 20022 Code values will apply:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">ISDA/FpML Reference Rate / Underlying Instrument Index</th> <th style="width: 50%;">ISO Reference Rate / Underlying Instrument Index (Alphanumeric 25 characters)</th> </tr> </thead> <tbody> <tr> <td>CAD-CORRA CanDeal TMX Term</td> <td>CORA</td> </tr> </tbody> </table> | | | ISDA/FpML Reference Rate / Underlying Instrument Index | ISO Reference Rate / Underlying Instrument Index (Alphanumeric 25 characters) | CAD-CORRA CanDeal TMX Term | CORA | | |
| ISDA/FpML Reference Rate / Underlying Instrument Index | ISO Reference Rate / Underlying Instrument Index (Alphanumeric 25 characters) | | | | | | | | |
| CAD-CORRA CanDeal TMX Term | CORA | | | | | | | | |

| | | |
|--------------------------------------|---|--|
| <p>Impacted Products</p> | <p>Please note the Request and Record templates will be impacted.</p> <p>a. Rates</p> <ul style="list-style-type: none"> • Rates.Forward.FRA_Index • Rates.Option.CapFloor • Rates.Option.Non_Standard • Rates.Swap.Basis • Rates.Swap.Basis_OIS • Rates.Swap.Cross_Currency_Basis • Rates.Swap.Cross_Currency_Fixed_Float • Rates.Swap.Cross_Currency_Fixed_Float_NDS • Rates.Swap.Cross_Currency_Zero_Coupon • Rates.Swap.Fixed_Float • • Rates.Swap.Fixed_Float_OIS • Rates.Swap.Fixed_Float_Zero_Coupon • Rates.Swap.Inflation_Basis • Rates.Swap.Non_Standard <p>b. Other</p> <ul style="list-style-type: none"> • Other.Forward.Non_Standard • Other.Option.Non_Standard • Other.Other.Non_Standard • Other.Swap.Non_Standard | |
| <p>User Impact?</p> | <p>Yes</p> | <p>Users will need to download the updated JSON Codesets [FpmlRatesReferenceRate.json; FpmlRatesReferenceAndInflationRate.json] to access these new Reference Rates.</p> |
| | <p>Versions</p> | <p>The version number of all in-scope Record templates will not be impacted.</p> |
| <p>Backward Compatibility</p> | <p>There is no backward compatibility issue as the change is only adding new FRO values in the existing DSB enumeration lists.</p> | |
| <p>Use Cases</p> | <p>For each of the in-scope templates:</p> <ul style="list-style-type: none"> • Valid Request: <ol style="list-style-type: none"> 1. Select the new enumerated value within the impacted attribute(s). 2. Search for products that include the new enumerated value. • Invalid Request: <ol style="list-style-type: none"> 1. User sends in a payload that contains value of Floating Rate Options that is not included in the enumerated list. | |
| <p>Documentation</p> | <p>The following DSB documents are to be updated:</p> <p>DSB OTC ISIN Annex 7 Indices: https://www.anna-dsb.com/isin-indices/</p> <p>DSB UPI Enumeration Definition Reference Rate: https://www.anna-dsb.com/download/upi-enumeration-definition-reference-rate/</p> | |
| <p>References</p> | <ul style="list-style-type: none"> • FpML Scheme Definition: floatingRateIndexScheme • Guidelines to ISO 20022 BenchmarkCurveNameCode • ANNA-DSB FAQ | |

GUI Definition

The following diagram illustrates the impact of these new Reference Rates on the existing product templates:

- a. GUI Request Template: Rates.Swap.Fixed_Float

The screenshot shows a web form titled "Request.Rates.Swap.Fixed_Float.InstRefDataReporting". It is divided into a "Header" section and a "Properties" section. The "Header" section contains four dropdown menus: "Asset Class" (Rates), "Instrument Type" (Swap), "Product" (Fixed_Float), and "Level" (InstRefDataReporting). Below the header is an "Attributes" section with a "By Tenor" dropdown and a "Properties" button. The "Properties" section contains several input fields: "Notional Currency" (EUR), "Expiry Date" (2024-04-30), "Term of Contract Value" (1), "Term of Contract Unit" (DAYS), "Reference Rate" (CAD-CORRA CanDeal TMX Term (2021)), "Reference Rate Term Value" (7), "Reference Rate Term Unit" (DAYS), "Notional Schedule" (Constant), "Delivery Type" (Cash), and "Price Multiplier" (1). The "Reference Rate" field is highlighted with a red border. At the bottom right, there are three buttons: "Generate CFI Code", "CREATE", and a close icon.

b. GUI Record Template: Rates.Swap.Fixed_Float

Rates.Swap.Fixed_Float.InstRefDataReporting.V2M1
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Template Version

Header

Asset Class

Instrument Type

Product

Level

Identifier

ISIN

Status

Status Reason

Last Update DateTime

Parents

UPI

Derived

Full Name

Classification Type

Commodity Derivative Indicator

Underlying Asset Type

Single or Multi Currency

Issuer or Operator of the Trading

Venue Identifier

Short Name

ISO Reference Rate

Attributes

Notional Currency

Expiry Date

Term of Contract Value

Term of Contract Unit

Reference Rate

Reference Rate Term Value

Reference Rate Term Unit

Notional Schedule

Delivery Type

Price Multiplier

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